IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Laurence B. Boucher, et al.          Serial No:          10/724,588

Filing Date:          November 28, 2003          Examiner:          Wen Tai Lin

Atty. Docket No:          ALA-025          GAU:          2154

For:          INTELLIGENT NETWORK INTERFACE SYSTEM AND METHOD
             FOR ACCELERATED PROTOCOL PROCESSING

November 14, 2005

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

## 4th Supplemental Information Disclosure Statement

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicants bring thirteen documents listed on an enclosed one-page form PTO-1449 to the attention of the Examiner in the above-identified application. Enclosed are copies of ten non-patent reference documents and two foreign patent reference documents. A copy of the one U.S. patent reference document is not enclosed. A check in the amount of $180 is enclosed, as required under 37 C.F.R. § 1.97(c)(2).

Citation of these documents shall not be construed as an admission that the documents are prior art with respect to the instant invention, a representation that a search has been made, or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

Respectfully submitted,

Mark Lauer
Reg. No. 36,578
6601 Koll Center Parkway
Suite 245
Pleasanton, CA 94566
Tel:     (925) 484-9295
Fax:     (925) 484-9291

| U.S. Department of Commerce, Patent and Trademark Office | Application No.: 10/724,588 |
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| O 4ᵗʰ SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Filing date: November 28, 2003 |
| | Inventors: Boucher, et al. |
| NOV 1 7 2005 | Group Art Unit: 2154 |
| INTELLIGENT NETWORK INTERFACE SYSTEM AND METHOD FOR ACCELERATED PROTOCOL PROCESSING | Examiner name: Wen Tai Lin |
| | Attorney Docket No.: ALA-025 |

## U.S. Patent Documents

| *Examiner Initial | Cite No. | Document Number | Date | Name | Class | Subclass | Filing Date, If Appropriate |
|---|---|---|---|---|---|---|---|
| | 1 | 6,067,569 | 5/23/00 | Khaki et al. | 709 | 224 | |

## Foreign Patent Documents

| *Examiner Initial | Cite No. | Document Number | Date | Country | Class | Subclass | Yes | No |
|---|---|---|---|---|---|---|---|---|
| | 2 | WO 01/59966 | 8/16/01 | PCT/US00/06475 | | | | |
| | 3 | WO 01/86430 | 11/15/01 | PCT/US01/15180 | | | | |

## Other Art—Non Patent Literature Documents

| *Examiner Initial | Cite No. | (Including Author, Title, Date, Pertinent Pages, Etc.) |
|---|---|---|
| | 4 | Andrew S. Tanenbaum, Computer Networks, Third Edition, 1996, ISBN 0-13-349945-6. |
| | 5 | Rice University article entitled "LRP: A Network Subsystem Architecture for Server Systems", by P. Druschel and G. Banga, 14 pages. |
| | 6 | Internet RFC/STD/FYI/BCP Archives article with heading "RFC2140" entitled "TCP Control Block Interdependence", web address http://www.faqs.org/ftp/rfc/pdf/rfc2140.txt.pdf, 11 pages, April 1997. |
| | 7 | WindRiver article entitled "Tornado: For Intelligent Network Acceleration", copyright Wind River Systems, 2001, 2 pages. |
| | 8 | WindRiver White Paper entitled "Complete TCP/IP Offload for High-Speed Ethernet Networks", Copyright Wind River Systems, 2002, 7 pages. |
| | 9 | Intel article entitled "Solving Server Bottlenecks with Intel Server Adapters", Copyright Intel Corporation, 1999, 8 pages. |
| | 10 | Koufopavlou et al., IEEE Global Telecommunications Conference, Globecom '92, presentation entitled, "Parallel TCP for High Performance Communication Subsystems", 7 pages, Dec. 6-9, 1992. |
| | 11 | Thia, Y.H. Publication entitled "High-Speed OSI Protocol Bypass Algorithm with Window Flow Control", Protocols for High Speed Networks, pages 53-68, 1993. |
| | 12 | Thia, Y.H. Publication entitled " A Reduced Operational Protocol Engine (ROPE) for a multiple-layer bypass architecture", Protocols for High Speed Networks, pages 224-239, 1995. |
| | 13 | U.S. Provisional Patent Application No.: 60/053,240, Titled: TCP/IP Network Accelerator and Method of Use, Filed July 18, 1997, Inventors: Jolitz et al., Assignee: InterProphet LLC. |

| Examiner | Date Considered |
|---|---|
| | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.